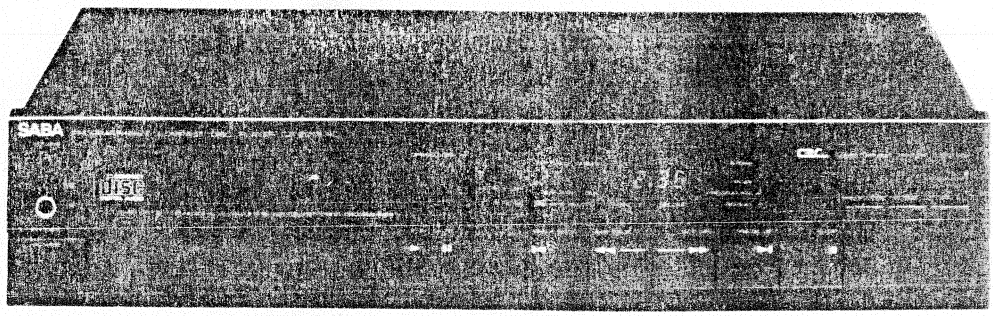
SABA Service-Instruction | HiFi 272

COMPACT DISC PLAYER CD-2015 RC | CD-2015 RC



Wichtige Hinweise

Die Sicherheit des Gerätes muß nach einer Reparatur oder Überprüfung erhalten bleiben. Es dürfen deshalb keine konstruktiven Merkmale des Gerätes sicherheitsmindernd verändert werden (z. B. müssen Abdeckungen ordnungsgemäß angebracht sein).

Ersatzteile müssen hinsichtlich ihrer Daten und ihrer Merkmale dem getauschten Teil entsprechen, damit die Sicherheit des Gerätes nicht vermindert wird. Verwenden Sie deshalb nur Original-Ersatzteile.

Avvisi importanti

La sicurezza dell'apparecchio deve rimanere conservata anche dopo una riparazione o un controllo. Perciò non è permesso di variare connotati costruttivi dell'apparecchio in modo che non garantiscono la sicurezza originaria (p. es. gli schemi di protezione devono essere fissati a regola d'arte).

I pezzi di ricambio devono corrispondere al pezzo da sostituire nei loro dati e nei loro connotati per garantire la stessa sicurezza dell'apparecchio. Usate perciò solo ricambi originali.

Important note

The unit must remain safe after repair or checking. Therefore, no design features of the unit may be altered which would result in a reduction of safety (e. g. covers must be properly replaced).

With regards to their data and technical features, spare parts must correspond with the replaced part, so as not to reduce the safety of the unit. Therefore, only use original spare parts.

Recommandations importantes

L'appareil doit remplir les mêmes conditions de sécurité après une réparation ou une révision. Aucune caractéristique de construction de l'appareil ne doit donc être modifiée de telle sorte que la sécurité de l'appareil en soit diminuée (par ex., les couvercles doivent être remis en place correctement).

Les caractéristiques et les propriétés des pièces de rechange doivent coincider avec celles de la pièce qui est remplacée afin de ne pas réduire la sécurité de l'appareil. N'utilisez donc que des pièces de rechange d'origine.

Vorsicht

Das Gerät beinhaltet eine Laserkomponente, daher im Servicefall nachfolgende Hinweise unbedingt beachten:

- Das Gerät arbeitet mit unsichtbarer Laserstrahlung, die hinter dem Plattenhalter austritt.
- Nicht in den Laserstrahl blicken.
- Hände und reflektierende Gegenstände nicht in den Laserstrahl bringen.
- Laserschutzbrille nach DIN 58215 für die angegebene Wellenlänge tragen.
- Unbeteiligte Personen vom Arbeitsplatz fernhalten.

Caution

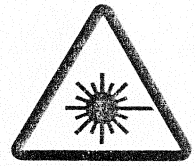
This CD-player operates with an invisible laser beam. If service is necessary please pay attention toi the following notes:

- Laser radiation emerges behind the record holder.
- Do not look into beam.
- Do not expose hands or reflecting objects into laser beam.
- Please wear laser protective glasses according to DIN 58215 for mentioned wave length.
- Please keep unconcerned peoble away from working place.

CLASS 1. LASER PRODUCT
LASER KLASSE 1
APPAREIL A LASER DE CLASSE 1

Informationsetikett auf Geräterückseite.
Explanatory label on rear side.

Laser: $\lambda = 780$ nm
$P_{max} = 5$ mW



VORSICHT – UNSICHTBARE LASER-STRAHLUNG TRITT AUS, WENN DECKEL GEÖFFNET IST! NICHT DEM STRAHL AUSSETZEN! LASER KLASSE 3 B.

CAUTION – INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM CLASS 3 B LASER PRODUCT.

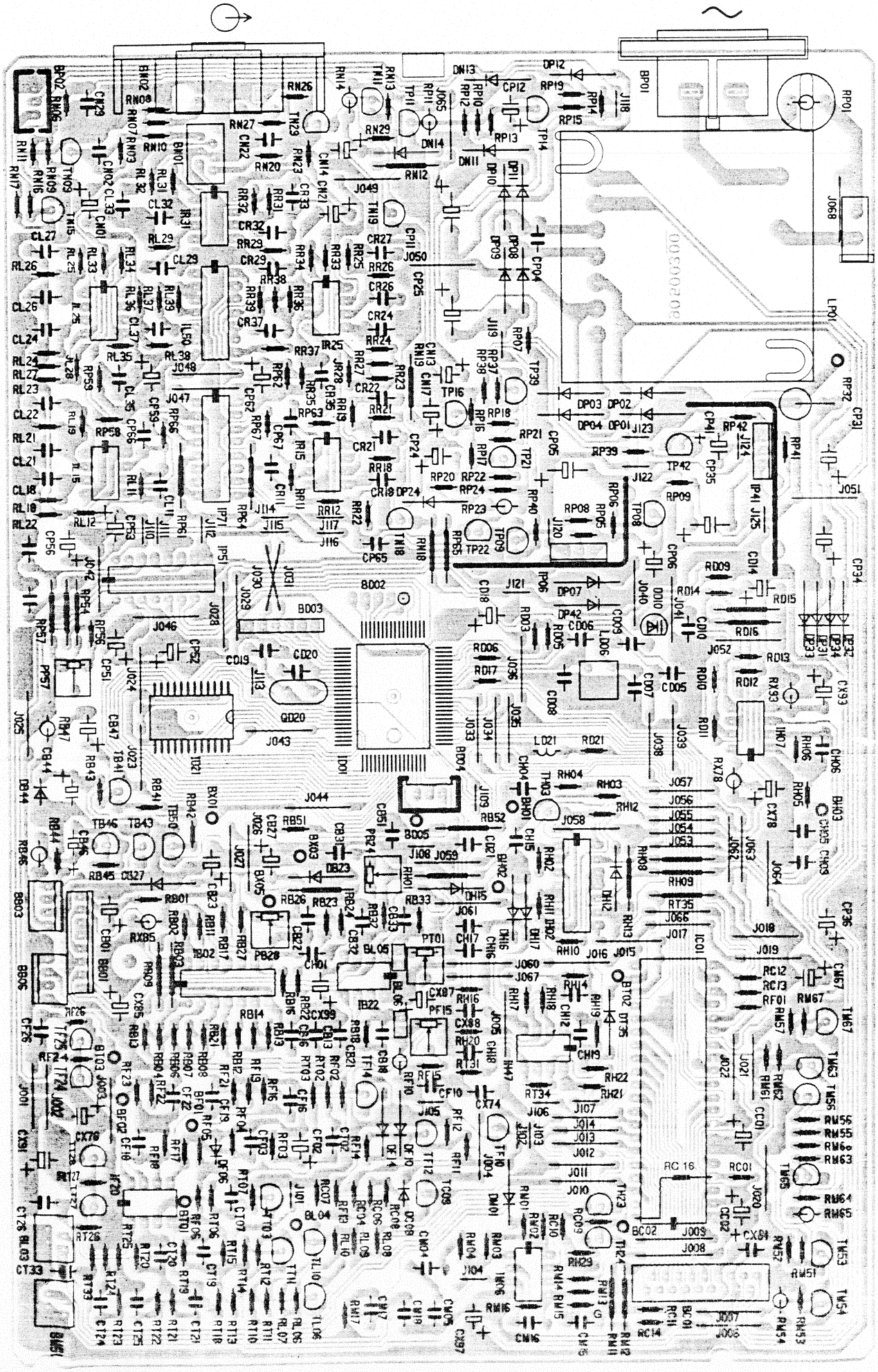
Warnetikett innen im Gerät.
Warning label inside the unit.

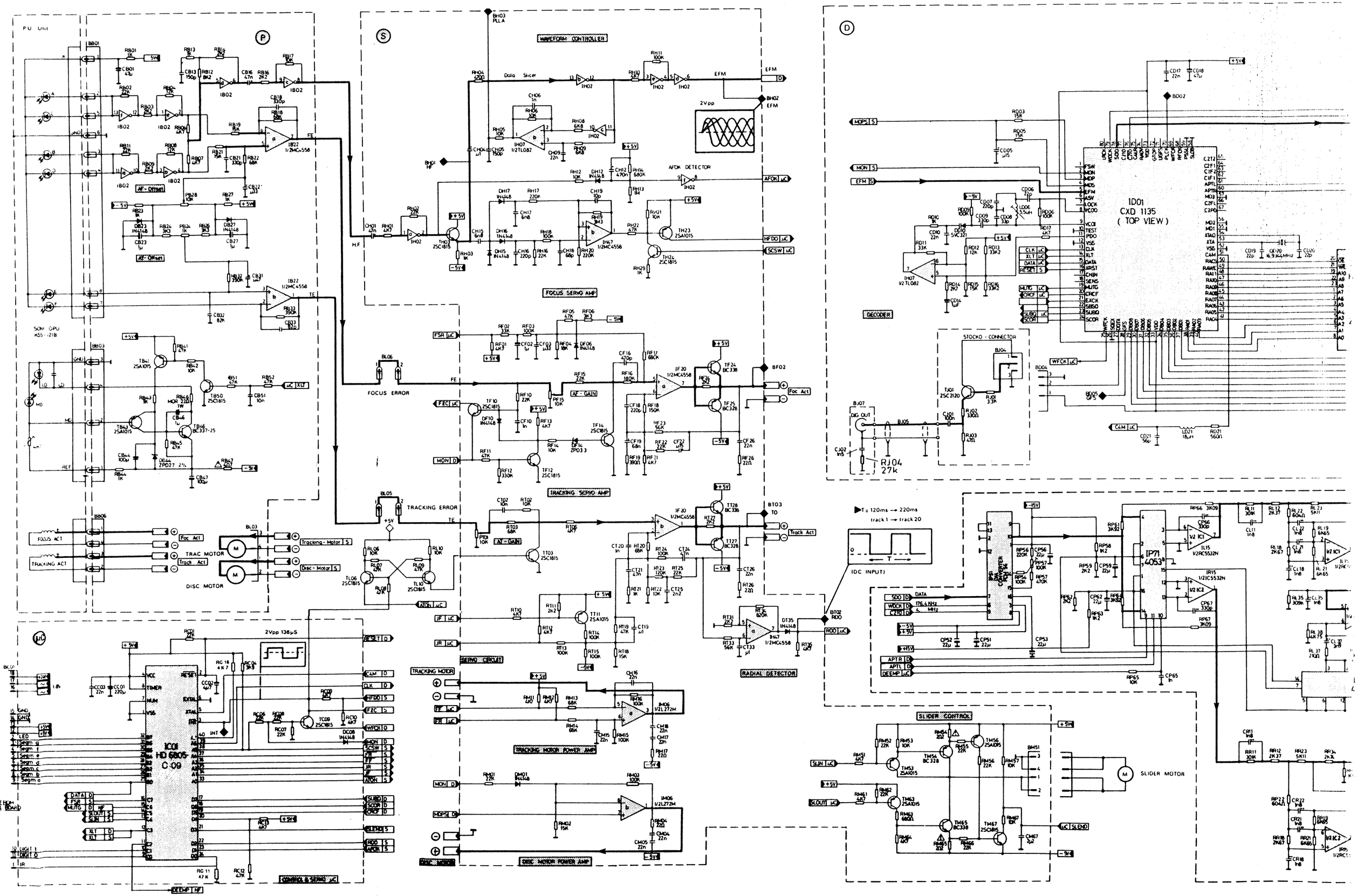
Änderungen vorbehalten!

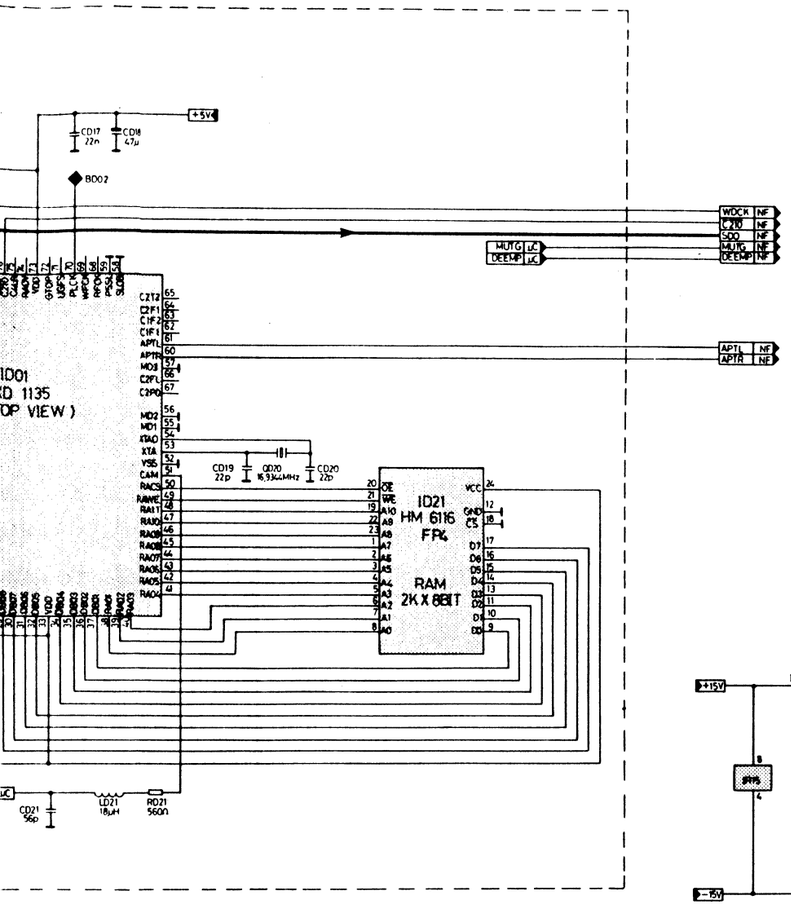
Best.-Nr. 4900017207 KD0586 S

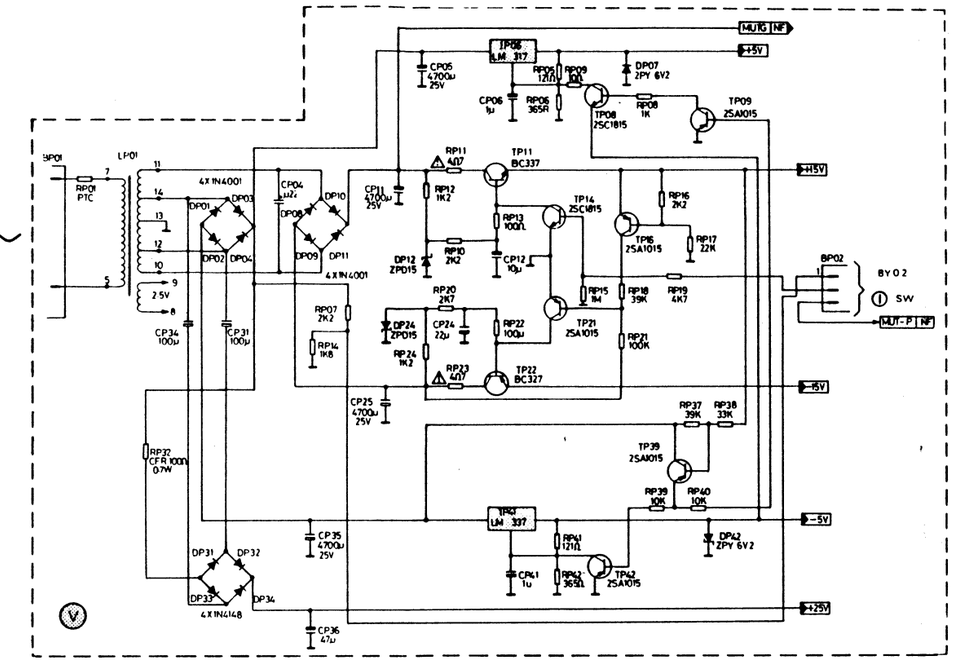
Grundplatte · Piastra principale · Main P.C.B. · Platine principale

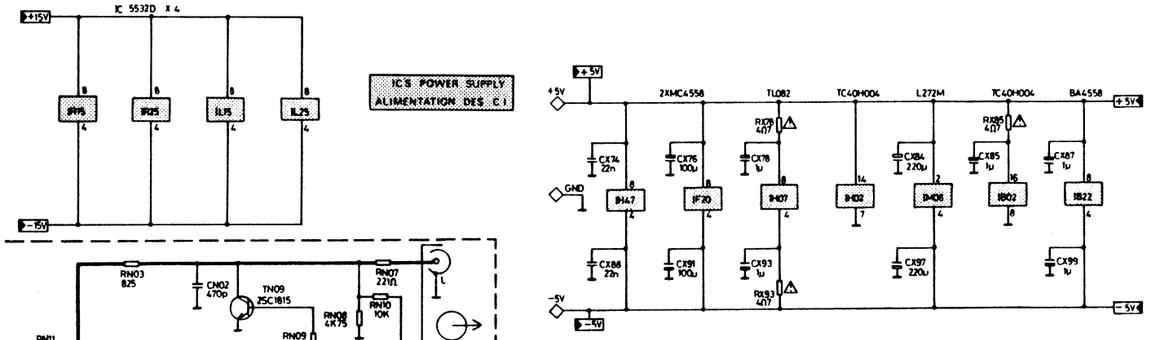
Bestückungsseite
Lato componenti
Component side
Côté composants

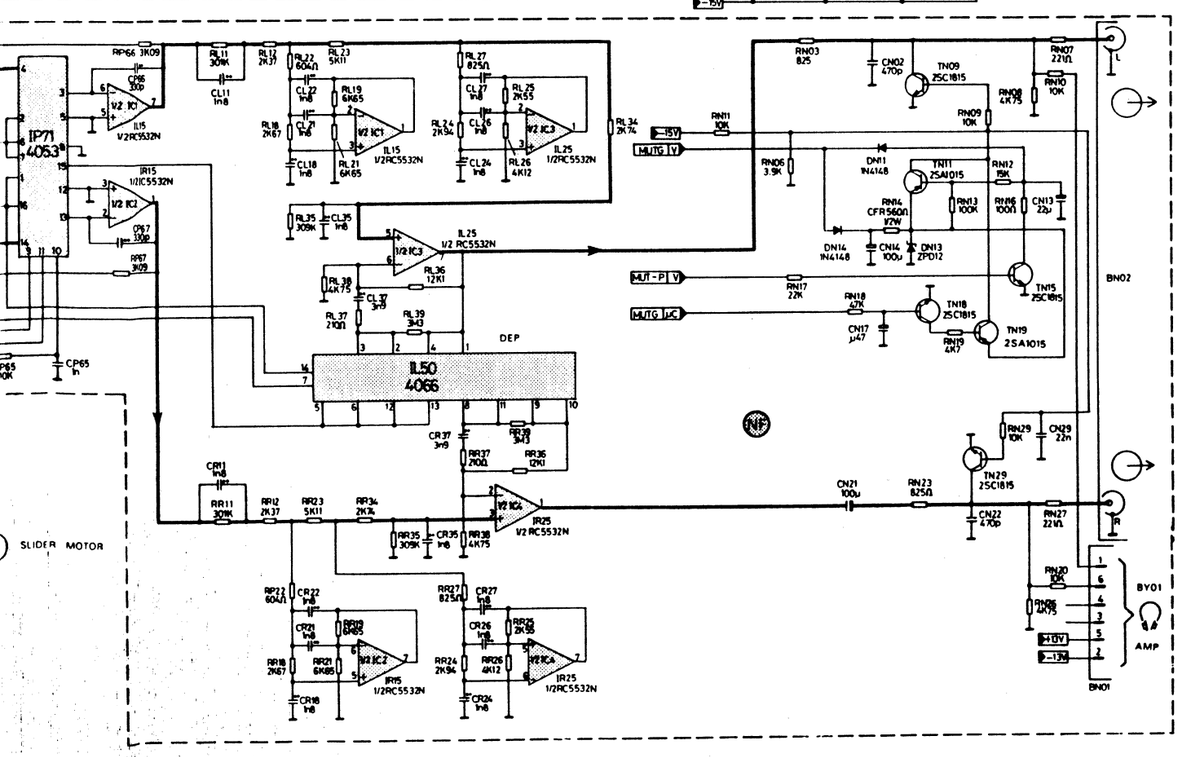


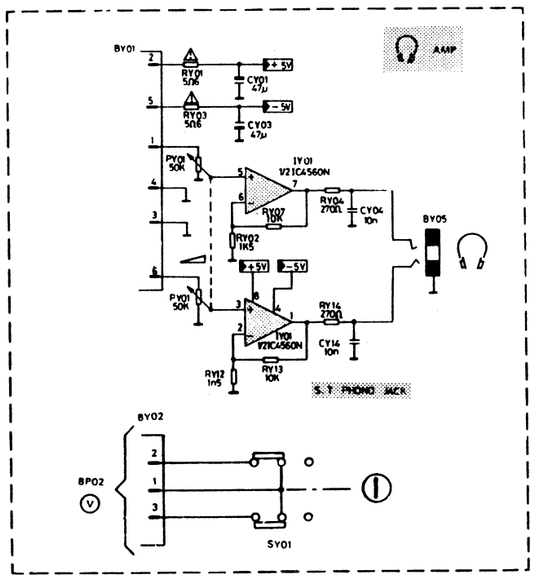

P.U. Unit
SONY OPU KSS-121B
WAVEFORM CONTROLLER
Data Slicer
EFM
2Vpp
AFOK DETECTOR
AF-Offset
FOCUS SERVO AMP
FOCUS ERROR
AF-GAIN
TRACKING SERVO AMP
TRACKING ERROR
TRACKING MOTOR POWER AMP
DISC MOTOR POWER AMP
SERVO CIRCUIT
RADIAL DETECTOR
FOCUS ACT
TRACKING ACT
TRAC MOTOR
DISC MOTOR
Foc Act
Track Act
Tracking-Motor
Disc-Motor
IC01 HD 6805 C09
CONTROL & SERVO µC
TOC FROM CONTROL BOARD
DECODER
IC01 CXD 1135 (TOP VIEW)
STOCKO-CONNECTOR
DIG OUT
SLIDER CONTROL
SLIDER MOTOR
DC INPUT
T = 120ms → 220ms
track 1 → track 20
IP71 4053B
2Vpp 136µS

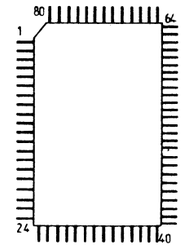




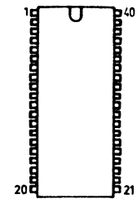




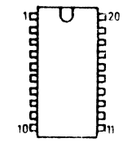




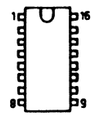
CXD 1135



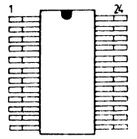
HD 6805



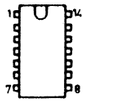
SAA 3007P



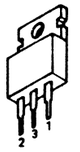
PCM 56 P
TC 4094 BP



HM 6116



BU 4066 B
HCF 4053 BE
TC 40 H 004 P

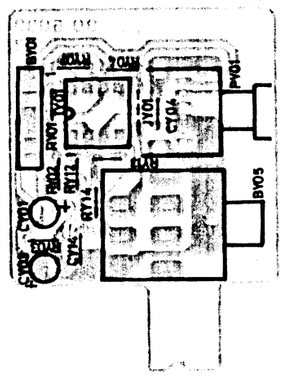


BA 4558
BA 4560
L 272 M
MC 4558 C
TL 082 C

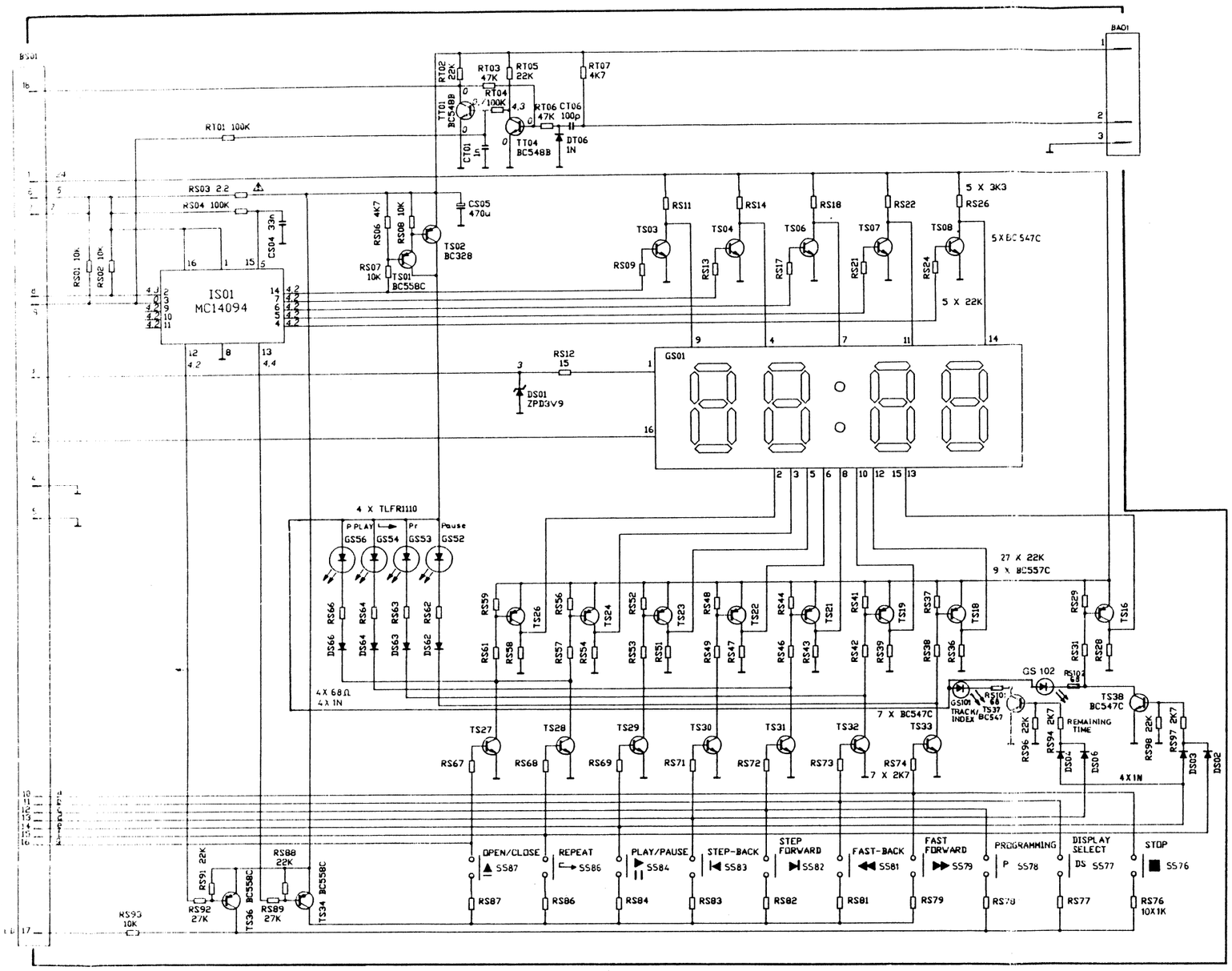
LM 317
LM 337

BC 328
BC 337
BC 547C
BC 548C, B
BC 557C
BC 558C

2 SA 101
2 SC 181

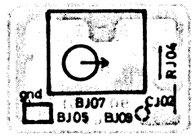


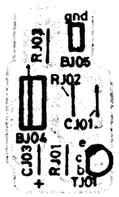
Kopfhörerbuchse/Ein-/Aus-Schalter
PIASTRA pressa per cuffia/interruttore
PCD, headphone-jack/on-off switch
Platine prise-casque/inter. marche/arrêt

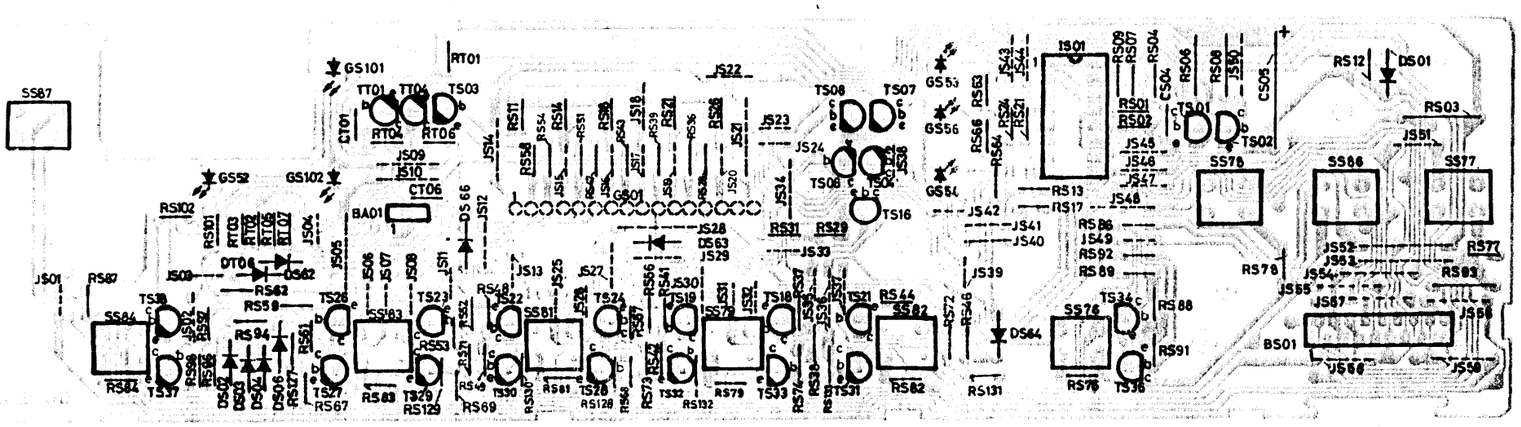


REPEAT.
PLAY.
PAUSE .
FAST-FORWARD .
FAST-BACK .
STOP .
STEP-FORWARD .
STEP-BACK.
DS DISPLAY-SELECT .
P PROGRAMMING
ON REMOTE ON

Digital-Ausgang
Piastre segnale numerico
PCD Digital output
Platines signal numérique



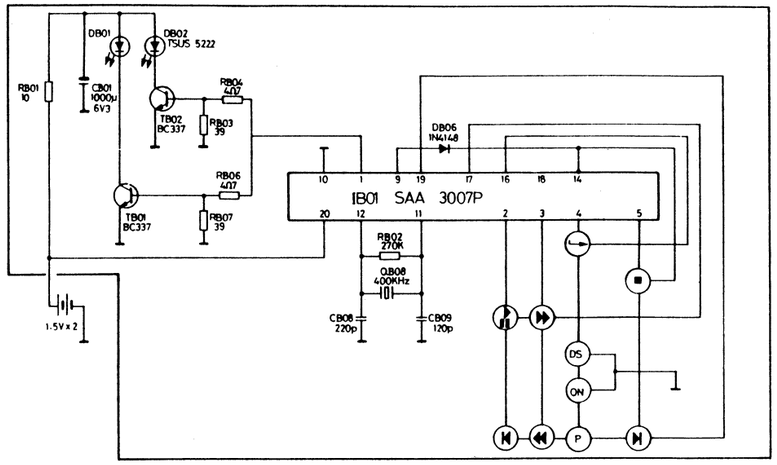


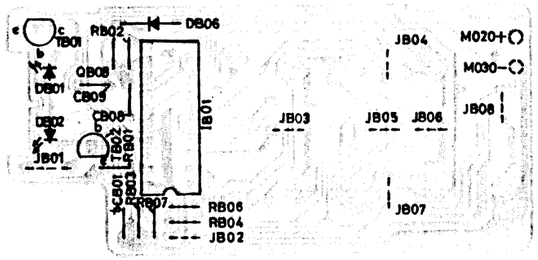


Bestückungsseite
Lato componenti
Component side
Côté composants

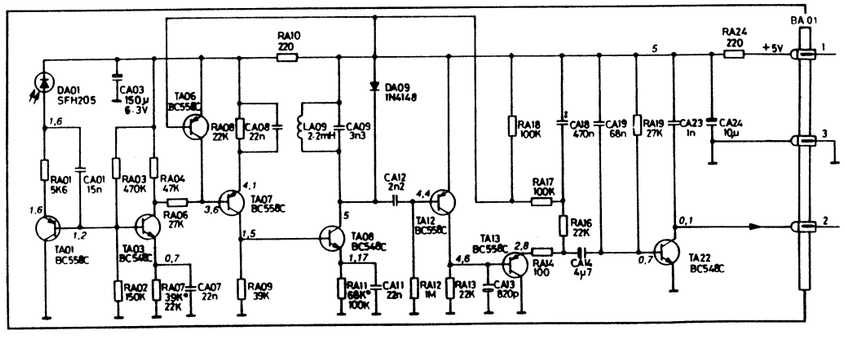
Best
Lato
Comp
Côté

IR-Fernbedienung · Comando a distanza · Remote Control · Télécommande



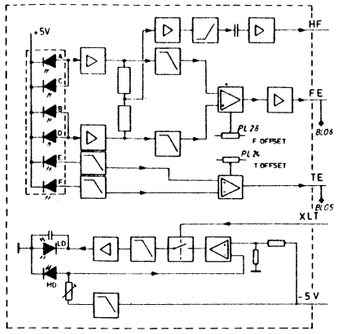


IR-Vorverstärker · Preamplificatore IR · IR-pre-amplifier · Préamplification

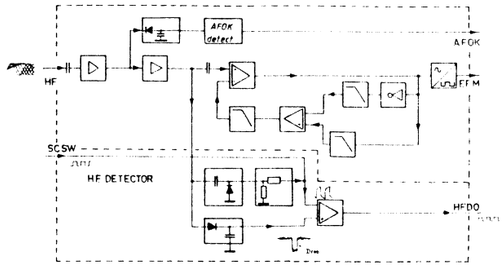


Bestückungsseite
Lato componenti
Component side
Côté composants

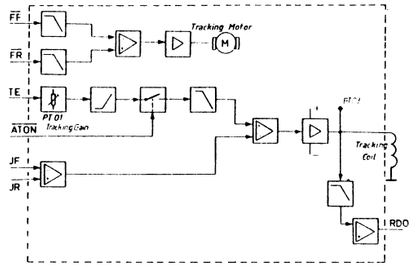
PREAMP. & LASER CONTROL



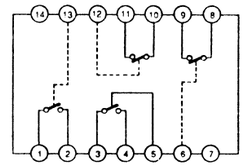
NRZI DEMOD. WAVEFORM CONTROLLER



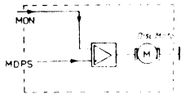
TRACKING SERVO



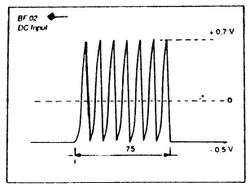
BU 4066



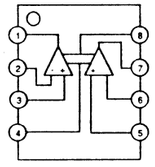
DISC MOTOR SERVO



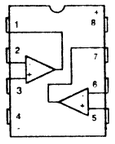
FOCUS SEARCH WITHOUT DISC/
RECHERCHE DE FOCUS SANS DISQUE



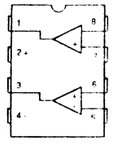
NJM 5532 D



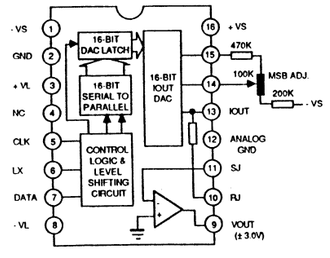
TL 082
NJM 4560



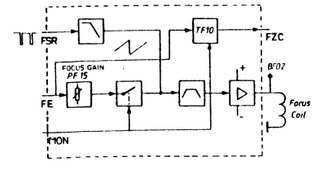
L 272 MB



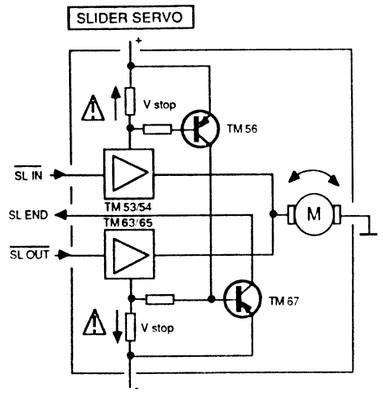
PCM 56



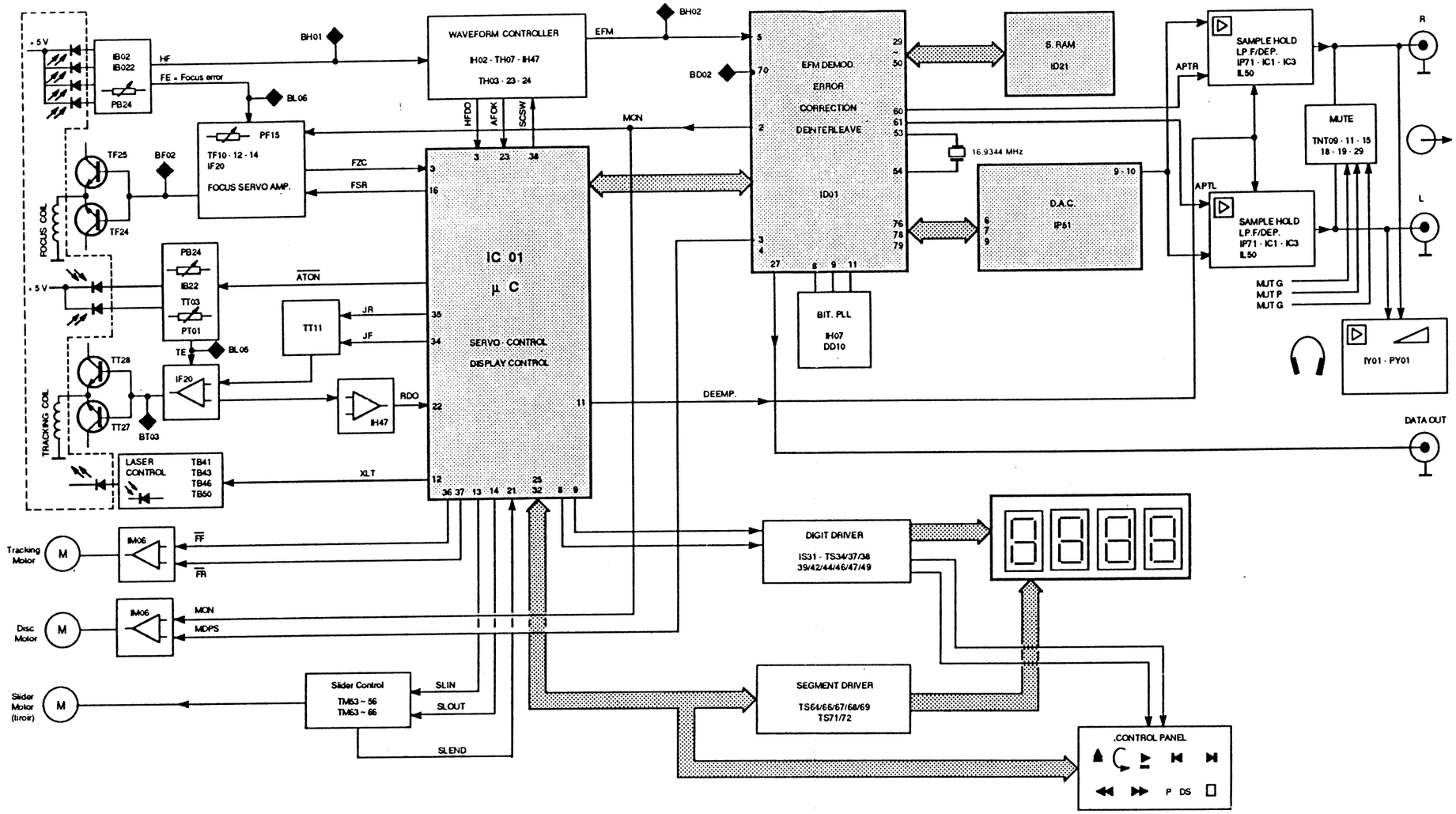
FOCUS SERVO



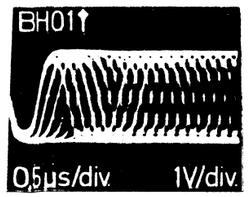
SLIDER SERVO



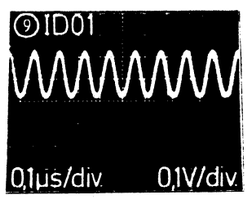
Blockschaltbild · Schema a blocci · Block diagram · Schema synoptique



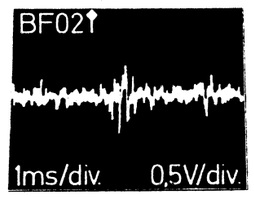
EFM Signal



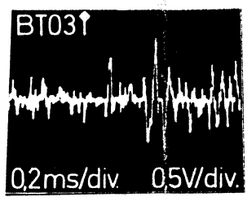
BIT P.L.L. Freq.



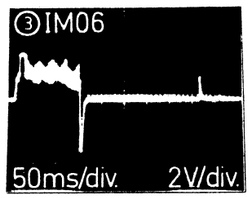
Focus coil control



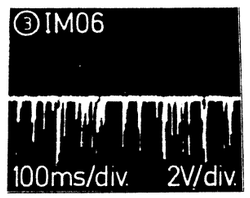
Tracking coil control



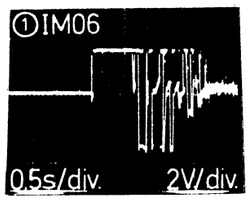
Tracking motor control



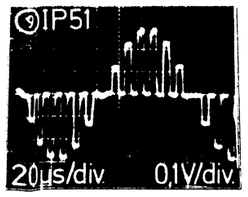
Tracking motor control



Disc motor control



DAC output (1 Chan. modul.)



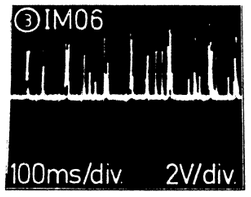
Focus Error

Tracking Error

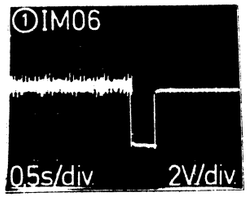
Track. motor control

Tracking motor control

Tracking motor control



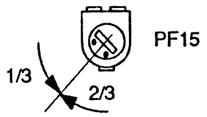
Disc motor control



C.D. ELEKTRISCHER ABGLEICH · REGOLAZIONI ELETTRICHE DEL D.A.D.
C.D. ELECTRICAL ADJUSTMENTS · REGLAGES ELECTRIQUES D.A.D.

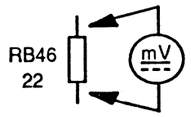
PRE-ADJUSTMENT - PRE-POSITIONNEMENT

- Center all the potentiometers except PF15 (Focus Gain)
- Placer tous les réglages au point milieu sauf PF15 (Gain focus)
- Alle Potentiometer, ausser PF15, zentrieren.



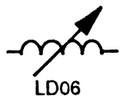
LASER CHECK

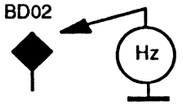
Adjusted by the manufacturer, avoid to touch - Réglage d'usine, éviter d'y toucher - Werkeinstellung - Verstellen vermeiden.



V = 1,5 V ± 200 mV

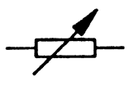
BIT PLL FREERUN

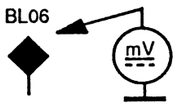




f = 4,321 MHz ± 0,003

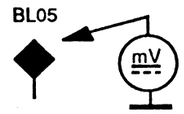
FOCUS SERVO OFFSET





V= 0 ± 10 mV

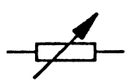
TRACKING SERVO OFFSET

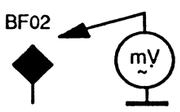


V= 0 ± 10 mV

FOCUS GAIN

play track n° 1
lire le 1er morceau
play Titel Nr 1

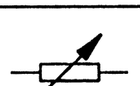


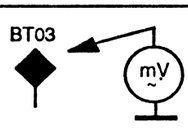


V = 55 mV ± 5 mV

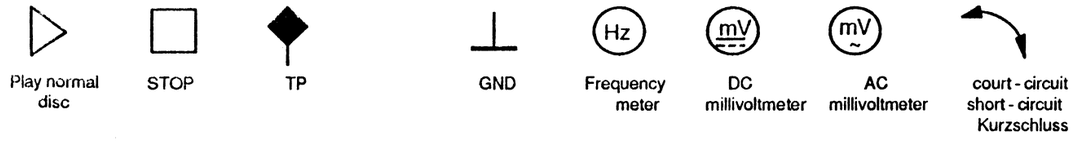
TRACKING GAIN

play track n° 1
lire le 1er morceau
play Titel Nr 1



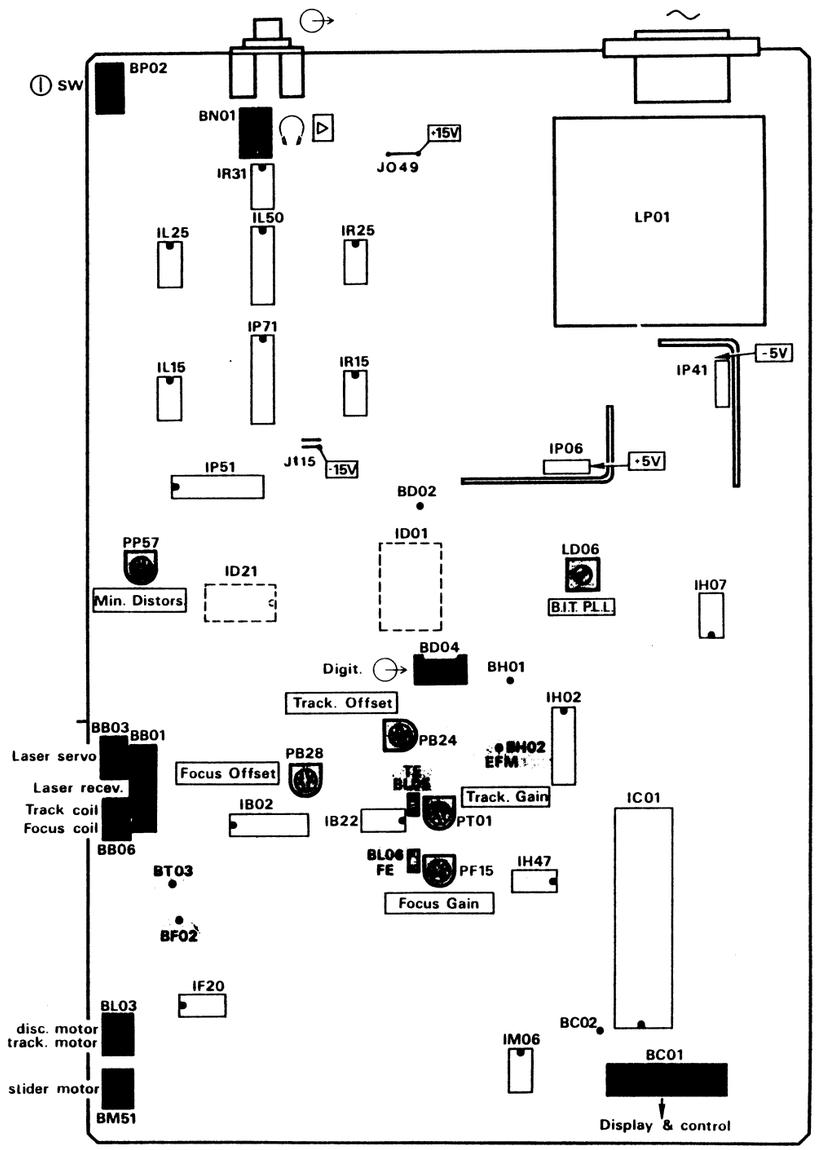


V= 130 mV ± 5 mV



VORSICHT BEI REPARATUREN:	**Bei geöffneter Schublade und Defekt der Sicherheitsvorrichtungen besteht die Gefahr unsichtbaren Laserlichts. Niemals direkt in den Laserstrahl sehen!**
ATTENZIONE:	**Il raggio laser è invisible. Evitare l'esposizione diretta durante la manutenzione.**
DANGER:	**Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.**
ATTENTION:	**Le rayon laser est invisible. Eviter l'exposition directe lors de la maintenance.**

Einstellungen · Ubicazione del dispositivi di regolazioni
Adjustments location · Emplacements des réglages



AUSBAU UND EINBAU DER SCHUBLADE

Die Schublade durch Betätigen der Taste ▲ "OPEN/CLOSE" oder, bei defekter Open Close-Schaltung, nach Entfernen der Frontplatte Zahnrad (A) in Pfeilrichtung bewegen(s. Abb.1) ausfahren. Wenn die Schublade bis zum Anschlag ausgefahren ist, Netzstecker ziehen und die Schublade leicht schieben, um auf beide Kunststoffanschläge (B) drücken und sie gleichzeitig herausziehen zu können.

Einbau: Nach Zentrieren der Führungen (E) und (F) (Abb.2), die Schublade bis über die Anschläge (B) auf die Gleitschienen setzen. Netzstecker wieder anschließen, durch Drücken der Taste ▲ die Schublade schließen oder ganz einschieben und anschließend das Zahnrad (A) gegen die Pfeilrichtung betätigen bis der Gegenhebelarm ganz abgesenkt ist.

AUSBAU UND EINBAU DES GEGENHEBELARMS

Die Feder (C) entfernen, die zwei Kunststoffzungen (D) auseinanderbiegen und den Arm herausziehen.
Einbau in umgekehrter Reihenfolge, wobei der Arm horizontal eingesteckt werden muß.

AUSBAU DES LAUFWERKS

Frontplatte entfernen.
Schrauben (1) (2) (3) (4) (Abb.1) herausdrehen und das Laufwerk abnehmen.

PER SMONTARE/RIMONTARE IL CASSETTO

Estrarre il cassetto premendo il tasto ▲ "OPEN CLOSE" oppure, dopo aver smontato il frontal, girando la ruota dentata (A) nel senso della freccia, fig.1 (in caso di guasto del circuito di apertura/chiusura). Con il cassetto in posizione di finescorsa, interrompere l'alimentazione, spingerlo leggermente a mano, onde poter abbassare simultaneamente i due fermi di plastica (B) . Contemporaneamente, tirare il cassetto fino alla sua completa estrazione.

Per rimontarlo, dopo aver centrato le guide (E) e (F) fig.2, inserire il cassetto negli scivoli, fino a superare i fermi (B) . Rispritinare l'alimentazione, premere il tasto ▲ per chiuderlo, oppure spingere la ruota dentata (A) fino a finecorsa poi girarla nel senso contrario a quello della freccia, fino alla completa discesa del braccio contro-leva.

PER SMONTARE E RISMONTARE IL BRACCIO CONTRO-LEVA

Estrarre la molla (C) , allontanare le due patte di plastica (D) ed estrare il braccio.
Per rimontare il braccio, procedere nell'ordine inverso, avvicinando il braccio in posizione orizzontale.

SMONTAGGIO DELL'INSIEME MECCANICHE

Dopo aver smontato il panello frontale remuovere le vite (1) (2) (3) (4) fig.1 e estrarre l'insieme meccaniche.

DISASSEMBLY/REASSEMBLY OF THE TRAY ASSEMBLY

Remove the tray by pressing the "OPEN CLOSE" button ▲ or, after disassembling the front panel, by moving the gear-wheel (A) in the direction of the arrow, fig. 1 (in the event of a break down in the open/close circuit). When the tray is moved against the stopper, cut off the power supply and push the tray a little bit to the rear so as to be able to press the two plastic stoppers (B) down simultaneously while still pulling on the tray until it is fully out.

To reassemble: after having centered the two guides (E) and (F) fig. 2, insert the tray in its runners until it has passed the stoppers (B) . Connect the unit, press button ▲ to close the tray or push it as far as it will go and then turn gear-wheel (A) in opposite direction of the arrow until the counter lever is fully lowered.

DISASSEMBLY/REASSEMBLY OF THE COUNTER LEVER

Remove the spring (C) , separate the two plastic tabs (D) and extract the counter lever.
To reassemble, present the counterlever in a horizontal position and proceed in the reverse order.

REMOVING THE MECHANICAL ASSEMBLY

After dismantiling the front panel, remove the screw (1) (2) (3) (4) fig. 1 and take assembly out.

DEMONTAGE/REMONTAGE DU TIROIR

Sortir le tiroir en pressant la touche " OPEN CLOSE " ▲ ou, après démontage de la façade, en manoeuvrant la roue dentée (A) dans le sens de la flèche fig.1 (Ceci en cas de panne dans le circuit d'ouverture/fermeture). Le tiroir étant arrivé en butée, couper l'alimentation, le repousser très légèrement en arrière pour permettre de presser simultanément les deux butées plastiques (B) tout en le tirant jusqu'à l'extraction complète.

Pour le remontage: après avoir centré les guides (E) et (F) fig.2, insérer le tiroir dans ses glissières jusqu'au dépassement des butées (B) Brancher l'appareil, presser la touche ▲ pour le fermer, ou le pousser à la main jusqu'en fin de course puis manoeuvrer la roue (A) dans le sens inverse de la flèche jusqu'à la descente complète du bras contre centreur.

DEMONTAGE/REMONTAGE DU BRAS CONTRE CENTREUR

Enlever le ressort (C) , écarter les deux pattes plastiques (D) et extraire le bras.
Remontage en ordre inverse en présentant le bras en position horizontale.

DEMONTAGE DE L'ENSEMBLE MECANIQUE

Après démontage de la façade, enlever les vis (1) (2) (3) (4) fig.1 puis extraire la mécanique.

fig.1 - Abb.1

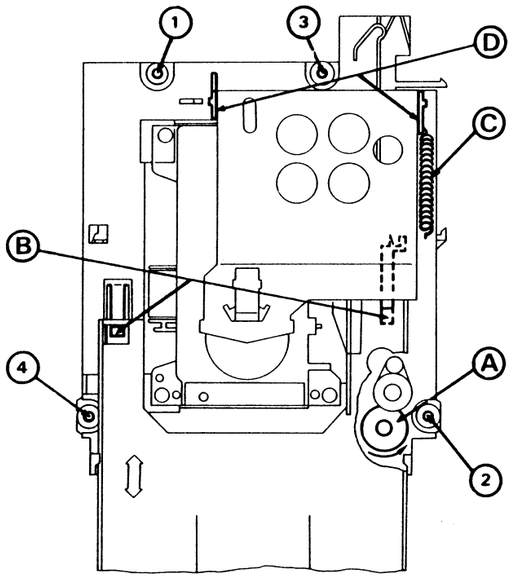
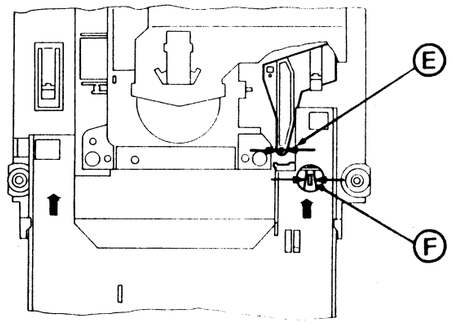
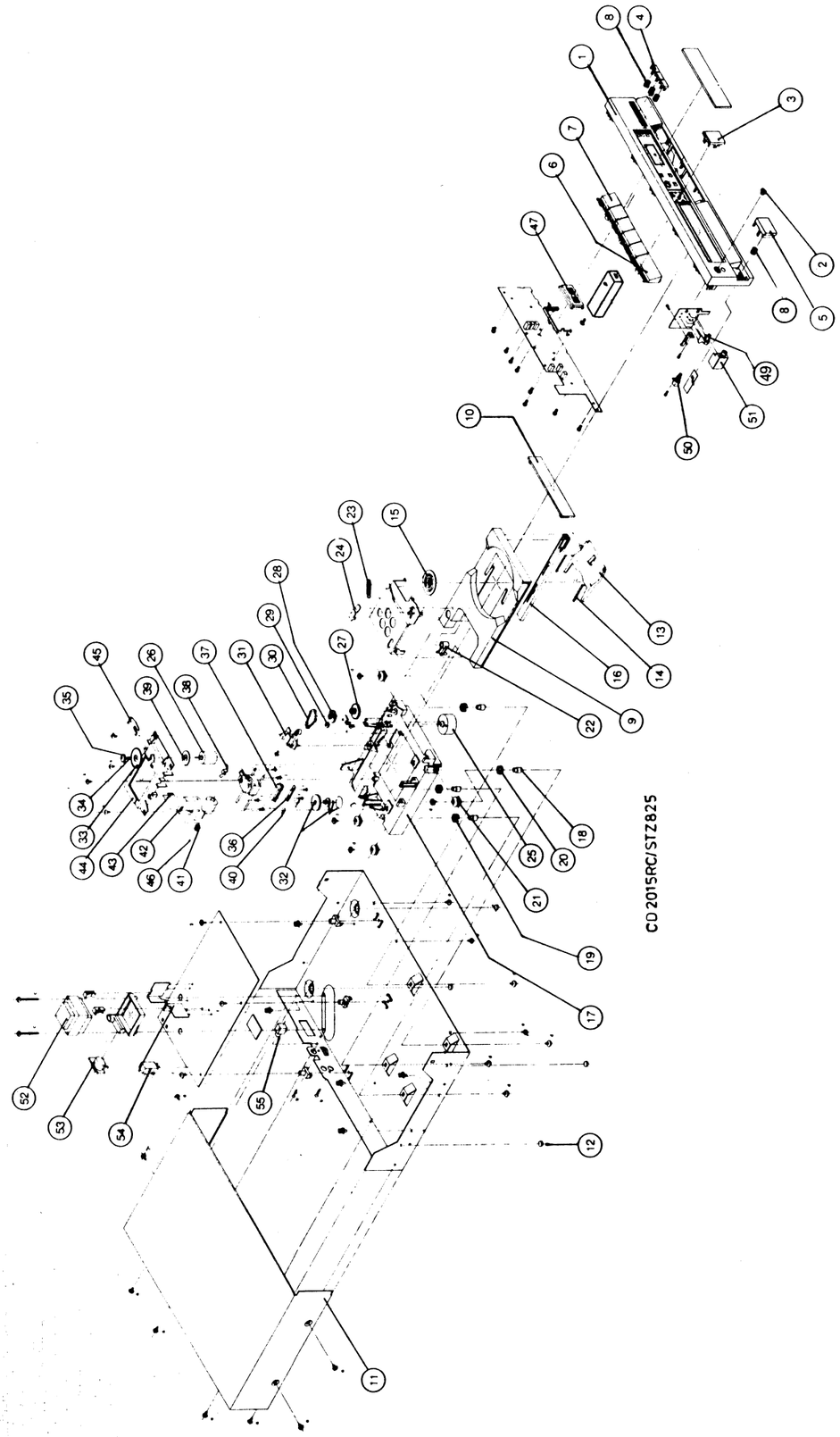


fig.2 - Abb.2



Ersatzteillageplan · Dislocazione pezzi di ricambio
Spare parts position diagram
Plan de situation des pièces de rechange



Ersatzteilliste · Lista ricambi · List of spare parts · Liste de pièces détachées

SABA CD-2015 RC HIFI 272 1

Pos.	No.		Bezeichnung	Description
			Verpackung	**Packing**
	4900 064 764	AH	Versandkarton	Packing Case
	4900 064 763	AF	Polster Set	Cushion Ass'y
			Zubehör	**Accessory**
	4900 064 765		Telecommander	Remote Control
	4900 031 420	AN	Cinchkabel	Cinch Cable
	4900 020 146	AL	Netzkabel	Power Cord
			Gehäuse	**Cabinet**
1	4900 064 748		**Frontplatte**	**Front Panel**
			Knopf	**Knob**
2	4900 064 753	AA	- Lautstärke (1x)	- Volume
3	4900 064 752	AB	- Öffnen/Schließen (1x)	- Open/Close
4	4900 064 750		- Speichern, Wiederholen, Umschalten Anzeige (3x)	- Programme, Repeat Display
5	4900 064 754		- Ein/Aus (1x)	- Power
6	4900 064 746	AB	- Wiedergabe/Pause (1x)	- Play/Pause
7	4900 064 747		- Suchlauf...Stop (4x)	- Track Back...Stop
8	4900 064 749	AA	Druckfeder f. Knopf (4x) Ein/Aus, Speichern... Anzeige	Spring f. Knob (4x) Power, Programme... Display
9	4900 063 525	AK	**CD-Schublade**	**CD-Tray**
10	4900 064 743	AD	- Blende	- Door Plate
11	4900 064 741	AW	Gehäuseabdeckung	Cabinet Cover
12	4900 063 518	AA	Gehäusefuß	Foot
	4900 064 765		**Telecommander**	**Remote Control**
			Gehäuseteile	**Cabinet Parts**
	4900 064 767	AF	**Gehäuseoberteil**	**Upper Case**
	4900 064 779		- Zierblende Beschriftung	- Top Panel
	4900 064 768	AF	Gehäuseunterteil incl. Batteriedeckel	Lower Case incl. Battery Cap
	4900 064 769	AB	Infrarot Fenster	IR Window
	4900 064 772	AI	Kontaktmatte	Rubber Contact
	4900 064 770	AB	Batteriekontakt	Battery Contact
	4900 064 771	AA	Batteriefeder	Battery Spring
			Elektrische Teile	**Electrical Parts**
	3531 587 000	AO	IB 01 SAA3007P	
	3528 381 000	AB	TB 01,02 BC337	
	4900 064 773	AG	DB 01,02 TSUS5222	
	3512 216 000	AA	DB 06 1N4148	
	4900 064 774	AG	QB 08 Quarz 400 KHz	
			CD Laufwerk	**CD Mechanism**
9	4900 063 525	AK	**CD-Schublade**	**CD-Tray**
10	4900 064 743	AD	- Blende	- Door Plate
13	4900 063 528	AE	**CD-Halter**	**Disc Support**
14	4900 063 527	AA	- Gummipolster	- Rubber
15	4900 063 496	AC	Zentrierteller	Centering Puck
16	4900 063 526	AM	Zahnstange	Toothed Rack
17	4900 063 519	AL	Chassis	Chassis
18	4900 063 521	AC	Distanzbolzen	Post
19	4900 063 520	AA	Druckfeder 3 x	Spring 3 x
20	4900 063 523	AA	Druckfeder 1 x	Spring 1 x
21	4900 063 500	AA	Dämpfer	Absorber
22	4900 063 524	AA	Hebel	Interlock Lever
23	4900 063 498	AA	Zugfeder	Spring

SABA CD-2015 RC HIFI 272 2

Pos.	No.		Bezeichnung	Description
24	4900 063 499	AB	Blattfeder	Leaf Spring
25	4900 063 522	AR	Motor 1 x	Motor Slider
26	4900 063 510	AO	Motor 2 x	Motor Spindle feet
27	4900 063 501	AA	Laufrad	Driving Wheel
28	4900 063 502	AA	Laufrad	Belt Wheel 1
29	4900 063 503	AA	Riemenscheibe	Belt Wheel 2
30	4900 063 504	AB	Riemen	Belt
31	4900 063 505	AB	Hebel	Operation Lever
32	4900 063 514	AK	Antrieb kpl.	Tooth Wheel Ass'y
33	4900 061 032	AM	Plattenteller kpl.	Disc Plate Ass'y
34	4900 061 028	AA	Druckfeder	Spring
35	4900 061 031	AB	Zentrierstück	Centering Cone
36	4900 063 506	AF	Zahnstange	Tooth Rack
37	4900 063 507	AF	Zahnstange	Tooth Rack
38	4900 063 509	AB	Blattfeder	Spring
39	4900 063 511	AG	Plattenteller-Unterteil	Flange
40	4900 063 539	AA	Druckfeder	Spring
41	4900 063 538	AG	Getrieberad	Worm Gear
42	4900 063 537	AE	Blattfeder	Spring
43	4900 063 536	AC	Blattfeder	Spring
44	4900 063 512	AY	Halterung	Support
45	4900 063 513	AG	Andruckfeder	Spring
46	4900 061 044	AA	Stahlkugel	Steel Ball
			Bedienteil Anzeige Platine	**Operation Board**
47	4900 064 745	AW	GS 01 Display	
	4900 063 475	AL	LS 01 TC4094BC	(MC14094)
	3528 515 000	AC	TS 01,34,36 BC558C	
	3521 125 000	AB	TS 02 BC328-25	
	3528 519 000	AB	TS 03,04, 06...08,27...33, 37,38	BC547C
	3528 589 000	AB	TS 16,18,19, 21...24,76	BC557C
	3528 509 000	AB	TT 01,04	BC548C
	3512 430 000	AA	DS 01	ZPD3,9
	3512 216 000	AA	DS 02...04,06,1N4148 62...64,66, DT 06	
	3512 720 000	AF	GS 52...54, 56,101,102	TLFR1110 LED red
⚠	4900 063 545	AB	RS 03	2,2 Ohm 0,3W
	4900 063 476	AC	SS 76...79, 81...84,86,87	Schalter Switch
			IR Empfänger	**IR Receiver**
	3528 515 000	AC	TA 01,06,07, 12,13	BC558C
	3528 509 000	AB	TA 03,08,22	BC548C
	4900 038 379	AM	DA 01	SFH205 IR Diode
	3512 216 000	AA	DA 09	1N4148
	4900 064 766	AB	LA 09	2,2 mH
			Kopfhörer Buchsen Platine	**Head Phones Board**
	4900 028 039	AO	IY 01 NJM4565D	(TDA2822M)
49	4900 063 472	AH	PY 01 Poti 50 K Ausgangspegel	50 K Output Level
⚠	4900 063 547	AB	RY 01,03	5,6 Ohm 0,5W
50	4900 064 757	AH	SY 01 Netzschalter	Power Switch
51	4900 063 471	AH	RY 05 Kopfhörerbuchse	Head Phones Jack

SABA CD-2015 RC HIFI 272 3

Pos.	No.		Bezeichnung	Description
			Grund Platine	**Main Board**
	4900 061 008	AG	IC 02, IH 02 TC40H004P	
	4900 061 015	AG	IB 22, IF 20, MC4558 IH 47	(LS 4558)
	4900 063 478	BC	IC 01 HD6805V1P/B95	(/C09)
	4900 063 479	BP	ID 01 D1135QZ	(CXD1135)
	4900 061 079	AT	ID 21 CXK5816M-15L	(HM6116FP)
	3531 167 000	AL	IH 07 TL082CP	
	4900 028 039	AO	IL 15,25, IR 15,25 NJM4560D	
	4900 062 401	AH	IL 50 BU14066B	(MC14066)
	4900 061 006	AN	IM 06 L272M	
	3531 378 000	AL	IP 06 LM317SP	
	4900 061 009	AK	IP 41 LM337SP	
	4900 063 481	BE	IP 51 PCM56P	
	4900 044 453	AO	IP 71 HCF4053BE	(TC4053BP)
	4900 040 349	AC	TB 41,43, TH 23,TM 53,56,63 TN 11,19, TP 09,16, 21,39,42, TT 11	2SA1015-GR
	3528 381 000	AB	TB 46, TP 11	BC337-25
	4900 045 069	AB	TB 50, TC 09, TF 10,12,14, TH 03, 24, TJ 01, TL 06, 10, TM 67, TN 09, 15,18,29,TP 08, 14, TT 03	2SC1815-GR
	3521 109 000	AB	TF 24, TM 65, TT 28	BC338-40
	3521 125 000	AB	TF 25, TM 54, TT 27	BC328-25
	3528 502 000	AB	TP 22	BC327-25
	3512 216 000	AA	DB 23,27, DC 08, DF 06,10, DH 12,15...17, DM 01, DN 11,14, DP 31...34, DT 35	1N4148
	3512 364 000	AC	DB 44	ZPD2,7
	4900 040 754	AN	DD 10	SVC321C/D
	3512 373 000	AB	DF 14	ZPD 3,3
	3512 302 000	AB	DN 13	ZPD12
	3512 338 000	AC	DP 01...04, 08...11	1N4001
	3512 606 000	AC	DP 07,42	ZPD6,2
	3512 320 000	AB	DP 12,24	ZPD15
	4900 061 373	AE	LD 06	5,5 µH
	4900 063 482	AB	LD 21	18 µH
	4900 063 485	AK	QD 20 Quarz	16,9344 MHz
▲	4900 051 821	AB	RB 46	22 Ohm/1W
▲	4900 063 546	AB	RB 47, RP 11, 23, RX 78,85,93	4,7 Ohm/0,3 W
	4900 063 553	AA	RD 13,16	33,2 K/0,2 W
	4900 063 555	AA	RL, RR 11	301 K/0,2 W
	4900 063 556	AA	RL, RR 12	2,37 K/0,2 W
	4900 063 557	AA	RL, RR 18	2,67 K/0,2 W
	4900 063 558	AA	RL, RR 19,21	6,65 K/0,2 W
	4900 063 559	AA	RL, RR 22	604 Ohm/0,2 W
	4900 063 560	AA	RL, RR 23	5,11 K/0,2 W
	4900 063 561	AA	RL, RR 24	1,27 K/0,2 W

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Pos.	No.		Bezeichnung	Description
	4900 063 562	AA	RL, RR 25 2,55 K/0,2 W	
	4900 063 563	AA	RL, RR 27 5,23 K/0,2 W	
	4900 063 564	AA	RL, RR 34 2,74 K/0,2 W	
	4900 063 565	AA	RL, RR 35 309 K/0,2 W	
	4900 063 566	AA	RL, RR 36 12,1 K/0,2 W	
	4900 063 567	AA	RL, RR 37 210 Ohm/0,2 W	
	4900 063 568	AA	RL, RR 38, RN 08,26	4,75 K/0,2 W
▲	4900 063 545	AB	RM 54,65	2,2 Ohm/0,3 W
	4900 063 548	AA	RN 07,27	221 Ohm/0,2 W
	4900 063 549	AA	RN 23	825 Ohm/0,2 W
	4900 063 486	AH	RP 01	Fosistor PTC
	4900 063 550	AA	RF 05,41	121 Ohm/0,2 W
	4900 063 551	AA	RF 06,42	665 Ohm/0,2 W
	4900 064 777	AB	RF 32	100 Ohm/0,1 W
	4900 063 554	AA	RF 61,64	3,92 K/0,2 W
	4900 063 552	AA	RF 66,67	3,09 K/0,2 W
52	4900 063 484	BH	LF 01	Netztrafo Power Transformer
53	4900 063 477	AH	BF 01	Netzbuchse Power Jack
50	4900 064 757	AH	SY 01	Netzschalter Power Switch
54	4900 064 742	AG	BN 02 Ausgangsbuchse Cinch 2-fach links, rechts	Line Out Jack left, right
55	4900 063 517	AE	BJ 07 Ausgangsbuchse Cinch Digital	Digital Output Jack

Bildschirmtext

Übrigens: der schnellste Weg für Ersatzteil-Bestellungen:
Btx * 44 100 811 #
Zugang für jeden Fachhändler nach vorheriger Anmeldung möglich.

4900 018 471

A = Austauschteil R = Reparatur-Umtauschteil (kein Vorausersatz möglich)

⚠ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
Änderungen vorbehalten!

⚠ Componente di sicurezza
In caso di sostituzione usare componente originale
Con riserva di modifiche!

⚠ Safety part
When repairing, use original parts only
Subject to modification without notice!

⚠ Pièce de sécurité
N'utiliser que les pièces d'origine!
Modifications réservées